

Recombinant Mouse Xpa Protein, Myc/DDK-tagged

Cat. No. Xpa-7017M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse xeroderma pigmentosum, complementation group A (cDNA clone MGC:36016 IMAGE:4489063), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in DNA excision repair. Initiates repair by binding to damaged sites with various affinities, depending on the photoproduct and the transcriptional state of the region. Required for UV-induced CHEK1 phosphorylation and the recruitment of CEP164 to cyclobutane pyrimidine dimers (CPD), sites of DNA damage after UV irradiation.
Molecular Mass	45.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Xpa xeroderma pigmentosum, complementation group A [Mus musculus (house mouse)]
Official Symbol	Xpa
Synonyms	Xpa; xeroderma pigmentosum, complementation group A; Xp; Xpac; AI573865; DNA repair protein complementing XP-A cells homolog; xeroderma pigmentosum group A-complementing protein homolog
Gene ID	22590
mRNA Refseq	NM_011728
Protein Refseq	NP_035858
UniProt ID	Q64267

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